

UNITED STATES GOVERNMENT

Memorandum

EP 66-281

DATE: 29 December 1966

The Files: Contract [REDACTED]

Mr. [REDACTED]

SUBJECT:

Inspection Report No. 4 - RS/B-43 Microwave Communications System with [REDACTED]

1. Project Description:

2. Contractual Information:

- Initial Cost: [REDACTED] CPAF
- Request for Procurement Action: 12 May 1966
- Initiation Date: 24 June 1966
- Completion Date: 23 July 1967
- Deliverable Items: One microwave field unit, one microwave base unit, five operating handbooks, two final engineering reports and test results

3. Date of Meeting: 16 December 19664. Place of Meeting: [REDACTED]5. Persons Attending:Agency

Mr. [REDACTED]

Non-AgencyMr. [REDACTED]
Mr. [REDACTED]

6. Contractor's Performance:

- On schedule and expected to remain so: No
- Within obligated funds and expected to remain so: Yes
- Satisfactory technical progress: Yes

~~SECRET~~GROUP 1
Excluded from automatic
downgrading and
declassification

~~SECRET~~

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7. Project Status:

██████ is now coming to grips with the two major engineering difficulties—the antenna switch and power output. The oscillator power out is low in the power train. Three hundred mW of the oscillator's 360 mW output has now been achieved. ██████ was having problems obtaining the required insertion loss in the antenna switch; however, at this visit this problem was solved. The antennas were delivered by ██████ measured their gain as 12.5 db compared to the required 10 db. This additional gain is insurance against the possible lower output power although ██████ is confident they will achieve the specified output. At present with this additional antenna gain, the specified range is achievable with the present output power.

██████ is about one month behind schedule; and getting over the two stumbling blocks described above, they should catch up. The Actual Accumulated costs are \$69,540. The Budgeted Accumulated Costs are \$81,690. Although this shows ██████ somewhat underspent, the difference will be absorbed in catching up with the schedule.

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